

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IT2004/000347

**A. CLASSIFICATION OF SUBJECT MATTER**  
**IPC 7 B60C7/22 B60C9/18**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
**IPC 7 B60C**

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/124929 A1 (CRON STEVEN M ET AL) 12 September 2002 (2002-09-12)  paragraphs '0042! - '0046!, '0070!; figure 1	1,2,7, 11,12, 16,18, 19,24,26
X	US 4 170 254 A (JACKSON WILLIAM L) 9 October 1979 (1979-10-09)  column 4, line 62 - column 5, line 10; figure 9	1,2,8, 10-12, 17-19, 24,27
X	DE 36 40 222 A (SEMPERIT GMBH) 19 June 1987 (1987-06-19) column 7, line 44 - column 8, line 48; figure 3	1,2,17
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&\* document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
25 October 2004	03/11/2004
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Buergo, J

## INTERNATIONAL SEARCH REPORT

national Application No

PCT/IT2004/000347

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 241 775 A (JACKSON WILLIAM L) 30 December 1980 (1980-12-30) column 5, line 6 - column 6, line 58; figure 1 -----	1,7,12, 17-19,26

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

National Application No

.../IT2004/000347

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
US 2002124929	A1 12-09-2002	WO US AU AU BR CA EP JP MX PL	0142033 A1 2004159385 A1 777023 B2 3118500 A 9917576 A 2393684 A1 1242254 A1 2003516264 T PA02005774 A 356125 A1	14-06-2001 19-08-2004 30-09-2004 18-06-2001 06-08-2002 14-06-2001 25-09-2002 13-05-2003 28-01-2003 14-06-2004
US 4170254	A 09-10-1979	GB AU BE CA DE DK FI FR IE IT JP JP JP LU NL SE SE ZA	1514474 A 8399875 A 832593 A1 1027029 A1 2537503 A1 378475 A 752375 A ,B, 2282345 A1 41603 B1 1041972 B 1150099 C 51050107 A 57039963 B 73234 A1 7509834 A 418716 B 7509273 A 7505256 A	14-06-1978 17-02-1977 16-12-1975 28-02-1978 04-03-1976 24-02-1976 24-02-1976 19-03-1976 13-02-1980 10-01-1980 14-06-1983 01-05-1976 24-08-1982 02-03-1976 25-02-1976 22-06-1981 24-02-1976 28-07-1976
DE 3640222	A 19-06-1987	AT AT CH DE	386571 B 358685 A 673014 A5 3640222 A1	12-09-1988 15-02-1988 31-01-1990 19-06-1987
US 4241775	A 30-12-1980	AU AU BE CA CA DE DK FI FI FI FI FR GB GB GB JP LU NL NZ NZ SE SE ZA	525529 B2 3910278 A 869951 A1 1102668 A1 1130183 A2 2836693 A1 374278 A 782550 A 800758 A ,B, 810699 A 2401036 A1 2003097 A ,B 2055710 A 2088297 A ,B 54045006 A 80152 A1 7808572 A 188202 A 200323 A 440052 B 7808863 A 7804662 A	11-11-1982 28-02-1980 18-12-1978 09-06-1981 24-08-1982 01-03-1979 26-02-1979 26-02-1979 12-03-1980 06-03-1981 23-03-1979 07-03-1979 11-03-1981 09-06-1982 10-04-1979 19-01-1979 27-02-1979 21-12-1982 03-02-1984 15-07-1985 26-02-1979 29-08-1979